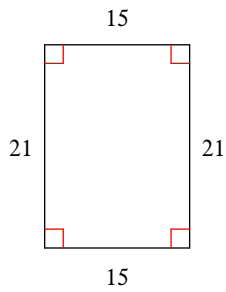
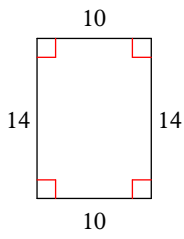


Similar Polygons

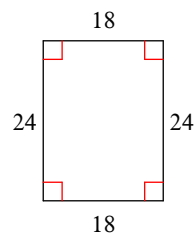
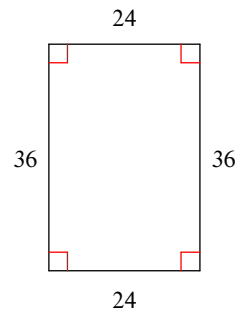
Date _____ Period _____

State if the polygons are similar.

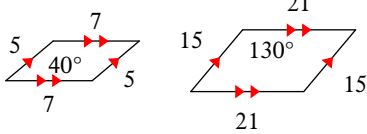
1)



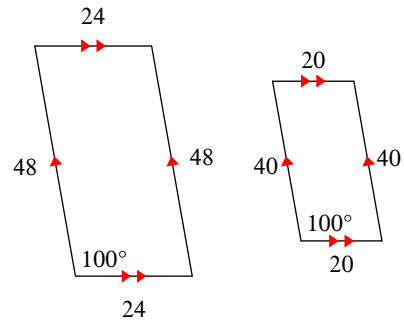
2)



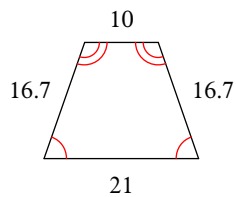
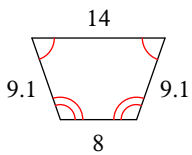
3)



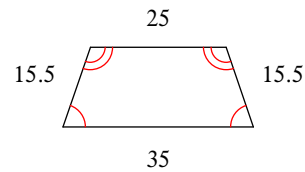
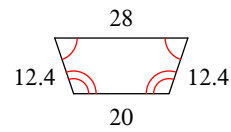
4)



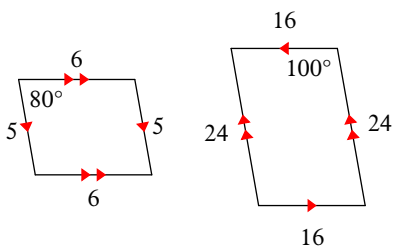
5)



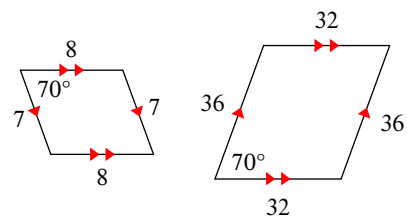
6)



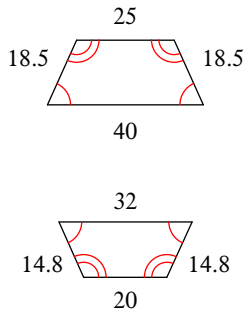
7)



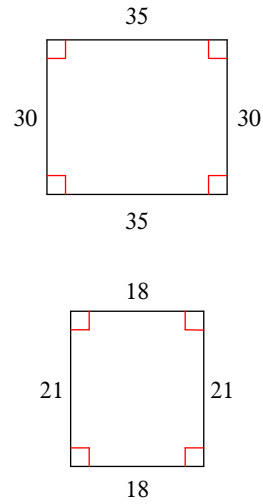
8)



9)

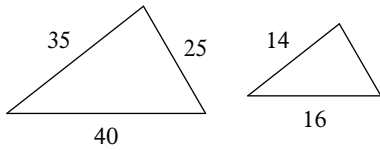


10)

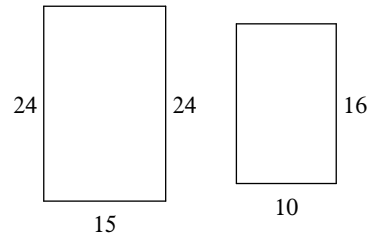


The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.

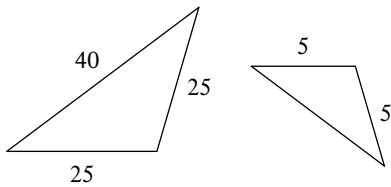
11)



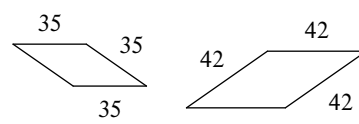
12)



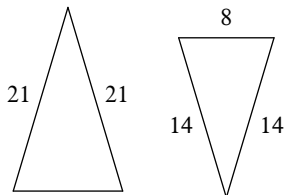
13)



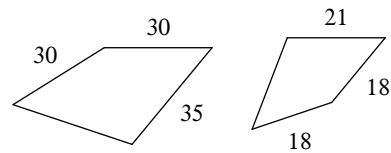
14)



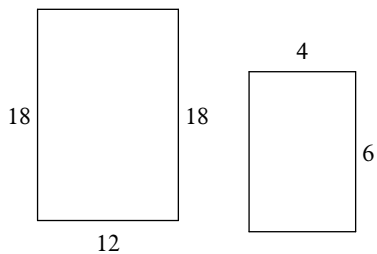
15)



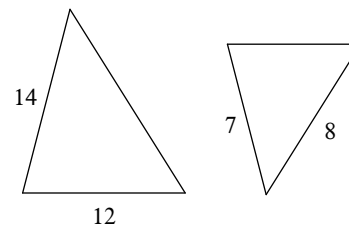
16)



17)



18)

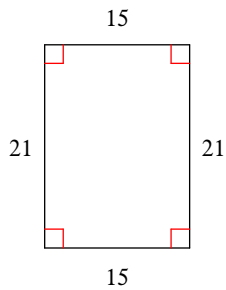
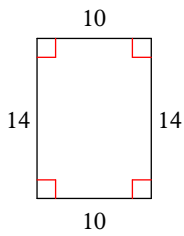


Similar Polygons

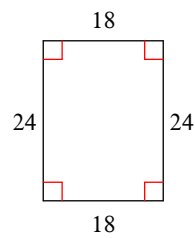
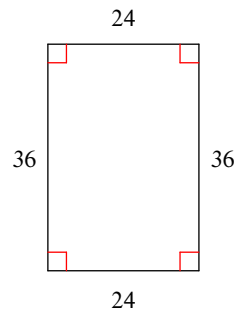
Date _____ Period _____

State if the polygons are similar.

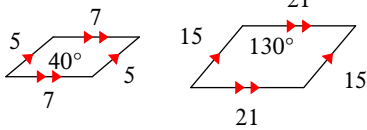
1) **similar**



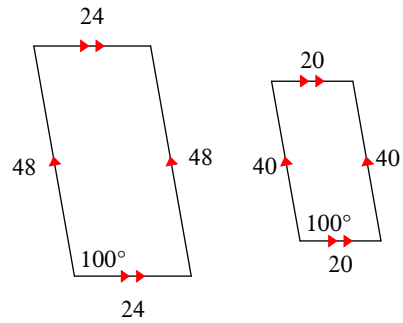
2) **not similar**



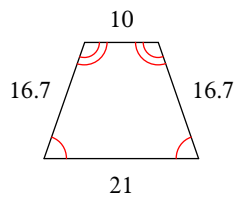
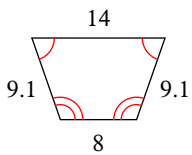
3) **not similar**



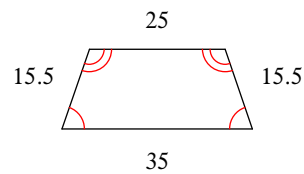
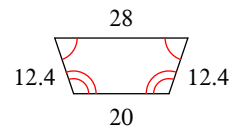
4) **similar**



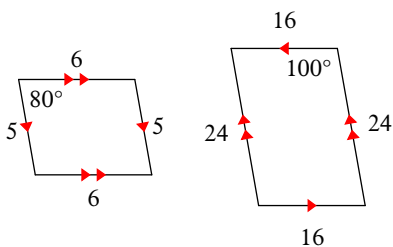
5) **not similar**



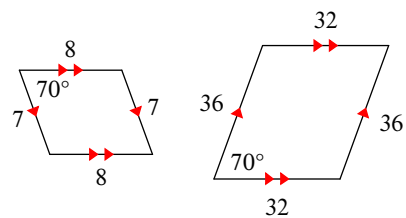
6) **similar**



7) **not similar**

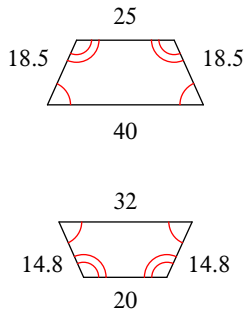


8) **not similar**



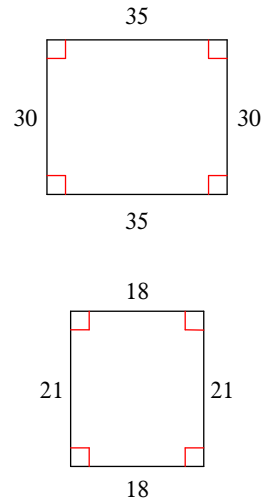
9)

similar



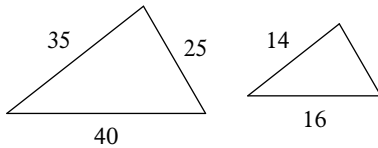
10)

similar



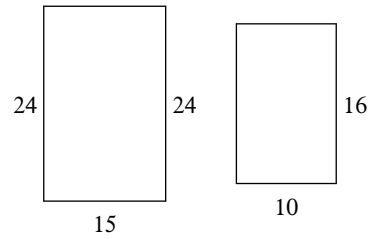
The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.

11)



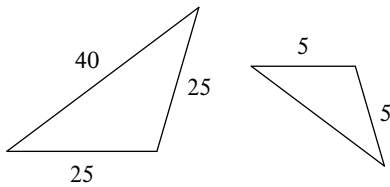
2 : 5

12)



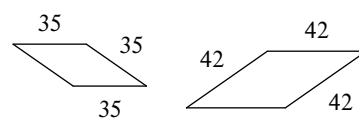
2 : 3

13)



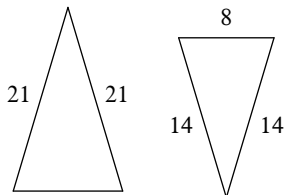
1 : 5

14)



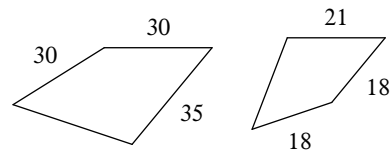
5 : 6

15)



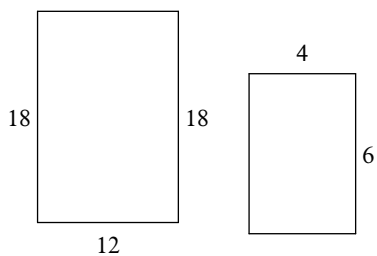
2 : 3

16)



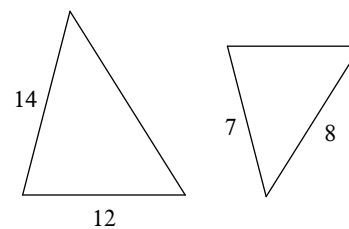
3 : 5

17)



1 : 3

18)



1 : 2